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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/621,032	07/21/2000	Leslie Gary Graf	27795-00018	4059

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ERICSSON INC.
6300 LEGACY DRIVE
M/S EVR C11
PLANO, TX 75024

EXAMINER

ORGAD, EDAN

ART UNIT	PAPER NUMBER
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2684

DATE MAILED: 07/29/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/621,032	Applicant(s) GRAF ET AL.	
	Examiner Edan Orgad	Art Unit 2684	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 May 2005.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,2,7-9,11,12 and 37-50 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,2,7,11,12 and 37-42, 44-49 is/are rejected.
- 7) ☒ Claim(s) 8,9,43 and 50 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Response to Arguments

Applicant's arguments with respect to claims 1, 2, 7, 8, 9, 11, 12 and 37-50 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1, 2, 7, 11, 12, 37-42 & 44-49 are rejected under 35 U.S.C. 102(b) as being anticipated by Groehn et al (WO 99/33300).

Regarding claims 1, 37 and 44, Groehn teaches a method of negotiating operating capabilities in a telecommunications system including at least one mobile station, the method comprising: receiving a first list of operating capabilities for a first mobile station at a first node upstream of and associated with the first mobile station wherein the list is received prior to setting up a call with the mobile station (page 5, lines 4-11), storing the operating capabilities for the first mobile station at the first node (page 5, lines 8-11), receiving a second list of operating capabilities for a second mobile station at a second node upstream of and associated with the second mobile station wherein the list is received prior to setting the call with the second mobile station (page 5, line 22-26), storing the operating capabilities for the second mobile station at the second node (page 5, lines 27-35) and comparing the second list to the first list such that the

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negotiation of agreed upon operating capabilities take place between the first node and the second node (page 5, line 33- page 6, line 14 & page 8, line 19- page 9, line 8).

Regarding claims 2, 41 and 48, Groehn teaches the receiving includes: receiving the first list of operating capabilities from the first mobile station via a location update message (page 8, line 19-31).

Regarding claim 7, Groehn teaches selecting the agreed-upon operating capabilities based on operating capabilities that are in common on both lists (page 5, line 18-26).

Regarding claim 11, Groehn teaches the first node is any one of a MSC, a VLR, a HLR or a GMSC (figure 1).

Regarding claims 12, 46 and 47, Groehn teaches the second node is a MSC, a VLR, a HLR or a GMSC (figure 2).

Regarding claims 38 and 45, Groehn teaches the storing is performed by a Visitor Location Register (figure 2, see VLR).

Regarding claims 39, Groehn teaches the reviewing by the second switch is performed by a Gateway Mobile Switching Center (GMSC) serving the second mobile station (figure 1 & page 8, lines 3-17).

Regarding claim 40, Groehn teaches the reviewing by the second switch is performed by a Mobile Switching Center (MSC) serving the second mobile station (figure 1 & page 8, lines 3-17).

Regarding claims 42 and 49, Groehn teaches the outgoing call setup message is an Initial Address Message (page 8, lines 32-36).

Allowable Subject Matter

Claims 8, 9, 43 and 50 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Regarding claims 8, 9, 43 and 50, the prior art of record fails to specifically disclose the operating capabilities include codecs and security algorithms.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Edan Orgad whose telephone number is 571-272-7884. The examiner can normally be reached on 8:00AM to 5:30PM with every other Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nay Maung can be reached on 571-272-7882. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

EDAN ORGAD
PATENT EXAMINER/TELECOMM.

Ed. 7/15/05